

My Ecodial L Design Software

Course Code: DE2

Duration: 1 Day **Cost:** \$600 excl GST

Course Purpose:

This course gives you an understanding and the importance of what co-ordination plays in the design of a low voltage distribution network. Today more than ever understanding, monitoring and controlling your low voltage distribution network is essential for industry to ensure energy is constantly available and managed as economically as possible. Production facilities, plants, commercial buildings and offices are often 24hr operations, with continuity of supply paramount. If there is a clear understanding of the low voltage network then proper decisions can be made when and as required. With the new software "My Ecodial L" the user can comprehensively design for new additions and check his existing network parameters. Often changes are made to electrical reticulations over their lifetime and by using Ecodial L issues can be highlighted of no discrimination, high voltage drops, contact voltages and much more.

Course Objectives:

At the conclusion of this training course you will be able to:

- Demonstrate a good knowledge of LV circuit breaker technology, including current limitation, lcs and lcu.
- Demonstrate a good knowledge of Cascading and Discrimination.
- Demonstrate your ability to select the appropriate LV circuit breakers for specific applications.
- Understand tripping curve terminology and how to set circuit breaker protection settings.
- Use "My Ecodial L" in an efficient and practical way.

Target Audience:

This course is recommended for individuals who work with circuit breakers, switchboards and low voltage networks. Electrical Contractors, End Users, Switchboard Builders and Consultants will all get value from this course.

Prerequisite Knowledge:

An understanding of L.V.Distribution networks.

Course Content:

- Apply circuit breaker terminology principles to practical applications.
- Understanding how discrimination and cascading works in a network and how economies can be gained in applying these principles.
- Utilise and understand circuit breaker curves to ensure continuity of supply is achieved.
- Design a low voltage network with the full functionality of "My Ecodial L".

Duration and Delivery:

- a. One Day Training Course
- b. In – class sessions at Schneider Electric training rooms, and hotel conference facilities at main centres though out New Zealand.